

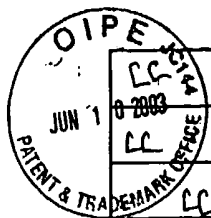


## MANUAL OF PATENT EXAMINING PROCEDURE

PTO/SB/08 (2-92)  
Sheet 1 of 3

Form PTO-100			Docket Number (Optional) 1002.00009		Application Number 10/069,490	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)			Applicant Michael G. Chaparian, et al.			
			Filing Date 2-15-2002		Group Art Unit 1654	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CC	3,791,932	2/12/74	Schuurs et al.	435	4	
	3,839,153	10/1/74	Schuurs et al.			
	3,850,578	11/26/74	McConnell			
	3,850,752	11/26/74	Schuurs et al.			
	3,853,987	12/10/74	Dreyer			
	3,867,517	2/18/75	Ling			
	3,879,262	4/22/75	Schuurs et al.			
	3,901,654	8/26/75	Gross			
	3,935,074	1/27/76	Rubenstein et al.			
	3,984,533	10/5/76	Uzgiris			
	3,996,345	12/7/76	Ullman et al.			
	4,034,074	7/5/77	Miles			
	4,098,876	7/4/78	Piasio et al.	435	4	
	4,666,828	5/19/87	Gusella	435	6	
	4,683,202	7/28/87	Mullis	435	91	
	4,736,866	4/12/88	Leder et al.	800	999.9	
	4,801,531	1/31/89	Frossard	435	6	
	4,879,219	11/7/89	Wands et al.	435	7	
	5,011,771	4/30/91	Bellet et al.	435	7	
	5,175,383	12/29/92	Leder et al.	800	2	
	5,175,384	12/29/92	Krimpenfort et al.	800	2	
	5,192,659	3/9/93	Simons	435	6	
	5,221,778	6/22/93	Byrne et al.	800	2	
	5,272,057	12/21/93	Smulson et al.	435	6	
CC	5,281,521	1/25/94	Trojanowski t al.	435	7.5	

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CC	5,288,846	2/22/94	Quertermous et al.	435	172.3	
CC	5,298,422	3/29/94	Schwartz et al.	435	320.1	
CC	5,347,075	9/13/94	Sorge	800	2	
CC	5,360,735	11/1/94	Weinshank et al.	435	240.2	
CC	5,387,742	2/7/95	Cordell	800	2	
CC	5,464,764	11/7/95	Capecchi et al.	435	172.3	
CC	5,487,992	1/30/96	Capecchi et al.	435	172.3	

#### FOREIGN PATENT DOCUMENTS


	DOCKET NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
CC	WO/94/23049		PCT			X	
CC	WO/93/14200		PCT			X	
CC	WO/94/06908		PCT			X	
CC	WO/94/28123		PCT			X	

#### OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

CC	Ausubel et al., "Current Protocols in Molecular Biology," John Wiley & Sons (1989).
CC	Birren et al., "Genome Analysis: A Laboratory Manual Series," Vols. 1-4, Cold Spring Harbor Lab Press (1998).
	Borrebaeck, "Antibody Engineering - A Practical Guide."
	Burke and Olson, "Preparation of Clone Libraries in Yeast Artificial-Chromosome Vectors" in <i>Methods in Enzymology</i> , Vol. 194, "Guide to Yeast Genetics and Molecular Biology," eds. C. Guthrie and G. Fink, Academic Press, Inc., Chap. 17, 251-270 (1991).
	Capecchi, "Altering the genome by homologous recombination," <i>Science</i> , 244:1288-1292 (1989).
	Cregg JM, Vedvick TS, Raschke WC "Recent Advances in the Expression of Foreign Genes in <i>Pichia pastoris</i> ," <i>Bio/Technology</i> , 11:905-910 (1993).
	Davies et al., "Targeted alterations in yeast artificial chromosomes for inter-species gene transfer," <i>Nucleic Acids Research</i> , 20(11):2693-2698 (1992).
	Dickinson et al., "High frequency gene targeting using insertional vectors," <i>Human Molecular Genetics</i> , 2(8):1299-1302 (1993).
	Duff and Lincoln, "Insertion of a pathogenic mutation into a yeast artificial chromosome containing the human APP gene and expression in ES cells," <i>Research Advances in Alzheimer's Disease and Related Disorders</i> (1995).
	Gilboa, E, Eglitis, MA, Kantoff, PW, Anderson, WF, "Transfer and expression of cloned genes using retroviral vectors," <i>BioTechniques</i> 4(6):504-512 (1986).
	Harlow and Lane, "Antibodies: A Laboratory Manual," Cold Spring Harbor Laboratory (1988).
	Huston et al., "Protein engineering of single-chain Fv analogs and fusion proteins," in <i>Methods in Enzymology</i> (JJ Langone, ed.; Academic Press, New York, NY) 203:46-88 (1991).
	Huxley et al., "The human HPRT gene on a yeast artificial chromosome is functional when transferred to mouse cells by cell fusion," <i>Genomics</i> , 9:742-750 (1991).
	Jakobovits et al., "Germ-line transmission and expression of a human-derived yeast artificial chromosome," <i>Nature</i> , 362:255-261 (1993).
CC	Johnson and Bird, "Construction of single-chain Fv derivatives of monoclonal antibodies and their production in <i>Escherichia coli</i> ," in <i>Methods in Enzymology</i> (JJ Langone, ed.; Academic Press, New York, NY) 203:88-99 (1991).
CC	Lamb et al., "Introduction and expression of the 400 kilobas precursor amyloid protein gene in transgenic mice," <i>Nature Genetics</i> , 5:22-29 (1993).

DATE: MAY, 2004

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O I P E JUN 10 2003 PATENT & TRADEMARK OFFICE	CC	Marshak et al., "Strategies for Protein Purification and Characterization," <i>A Laboratory Course Manual</i> (1996).
	CC	Mernaugh and Mernaugh, "An overview of phage-displayed recombinant antibodies" in <i>Molecular Methods In Plant Pathology</i> (RP Singh and US Singh, eds., CRC Press Inc., Boca Raton, FL), 359-365 (1995).
	CC	Mishell and Shiigi, "Selected Methods in Cellular Immunology," <i>W.H. Freeman &amp; Co.</i> (1980).
	CC	PCR Protocols "A Guide to Methods and Applications," <i>Academic Press</i> (1990).
	CC	Pearson and Choi, "Expression of the human b-amyloid precursor protein gene from a yeast artificial chromosome in transgenic mice," <i>Proc. Natl. Acad. Sci. USA</i> , 90:10578-82 (1993).
	CC	Rothstein, "Targeting, disruption, replacement, and allele rescue: integrative DNA transformation in yeast" in <i>Methods in Enzymology</i> , "Guide to Yeast Genetics and Molecular Biology," eds. C. Guthrie and G. Fink, Academic Press, Inc., Chap. 19, 194:281-301 (1991).
	CC	Sambrook et al., "Molecular Cloning: A Laboratory Manual," <i>Cold Spring Harbor Lab Press</i> (1989).
	CC	Schedl et al., "A yeast artificial chromosome covering the tyrosinase gene confers copy number-dependent expression in transgenic mice," <i>Nature</i> , 362:258-261 (1993).
CC	Stites et al., "Basic and Clinical Immunology," <i>Appleton &amp; Lange</i> , 8 <sup>th</sup> Ed. (1994).	
CC	Strauss et al., "Germ line transmission of a yeast artificial chromosome spanning the murine $\alpha_1(I)$ collagen locus," <i>Science</i> , 259:1904-1907 (1993).	
EXAMINER 		DATE CONSIDERED 5/04
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.		

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